

SECTION 01 74 14

CLEANING

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Cleaning and cleanup during construction.
- B. Dust control.
- C. Disposal of debris.
- D. Final cleaning of station facilities and ancillary buildings.
- E. Final site cleanup.

1.02 RELATED STECTIONS

- A. Refer to Section 01 57 00, Temporary Controls, for basic mud control and dust abatement requirements.
- B. Refer to Section 01 81 13, Sustainability Requirements, for required documentation submittals.
- C. When demolition is involved, refer to Section 02 41 19, Selection Structure Demolition, as applicable, for additional dust abatement requirements.

1.03 MEASUREMENT AND PAYMENT

- A. Separate measurement or payment will not be made for work required under this Section. All costs in connection with the work specified herein will be considered to be included with the related item of work in the Bid Schedule of the Bid Form, or incidental to the Work.

1.04 CLEANING AND CLEANUP DURING CONSTRUCTION

- A. The entire site of the Work, including the Contractor's work and storage areas, shall be kept in a neat, clean, and orderly condition at all times during the course of this Contract. The Engineer may, at any time during construction, order a general cleanup of the site as a part of the Work, and there shall be no additional cost to the District therefore. The Contractor shall provide general daily clean-up and disposal service for removal of waste, rubbish, trash, and debris away from the jobsite.
- B. Perform cleaning of all facilities and ancillary buildings as required during construction to prevent accumulations of dust, dirt, soil, trash, and debris, so that a clean and safe working environment will be present at all times.

- C. Walkways or designated pathways for authorized visitors shall be kept broom clean at all times. Walkways over exposed earth surfaces shall also be kept neat and free of pebbles and other obstacles to walking comfortably, equivalent to broom clean of paved surfaces.
- D. The Contractor shall remove all graffiti placed during the course of the Work within the Contractor's enclosed secured areas at the work site. The Contractor shall remove the graffiti within 24 hours after its detection in these areas.

1.05 DUST CONTROL

- A. Clean interior spaces prior to the start of finish painting and the application of other finishes, and continue cleaning as required until such work is completed.
- B. Schedule operations to prevent dust and other contaminants, resulting from cleaning operations, from adhering to set or newly finished surfaces.
- C. Also, schedule operations to prevent dust and other flying particles from contaminating sensitive train control equipment in Train Control Rooms. Enforce tight controls as required to provide absolute dust control and abatement in these areas.

1.06 DISPOSAL OF DEBRIS

- A. Dispose of waste, trash, and debris in a safe, acceptable manner, in accordance with applicable laws and ordinances and as prescribed by authorities having jurisdiction. Bury no waste material and debris on the site. Burning of trash and debris on the site will not be permitted.
- B. Location of disposal site for trash and debris and length of haul are the Contractor's responsibility.

1.07 FINAL CLEANING OF STATION FACILITIES AND ANCILLARY BUILDINGS

- A. Prior to final inspection by the District, and after all construction work is essentially complete, thoroughly clean station facilities and ancillary buildings and structures, utilizing professional building cleaners where appropriate.
- B. Items to be cleaned include all glass, doors, hardware, opening frames, grilles, trim, exposed non-ferrous metal surfaces, plastics, floor coverings, light fixtures and plates, plumbing fixtures and trim, and all finish surfaces throughout the construction.
- C. Vacuum-clean where appropriate and remove all spots, smears, dust, debris, hand prints, and defacements of every sort, including those of vandals. Use commercial cleaning compounds where necessary.
- D. Follow the recommendations of the manufacturers of the materials and items to be cleaned for all cleaning, polishing, and treatment such as waxing or sealing. Polish all stainless steel and other non-ferrous metal surfaces.

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- E. Clean permanent filters of the air-conditioning system and replace disposable filters of units operated during construction. Clean ducts, blowers, and coils if units were operated without filters during construction.

1.08 FINAL SITE CLEANUP

- A. Prior to Final Inspection, thoroughly clean the entire site and put it into a clean and neat, acceptable condition. Remove from the site all construction waste and unused materials, dunnage, loose rock and stones, excess earth, and debris of any description resulting from the Work.
- B. Hose down and scrub clean where necessary all pavement and paved walks.
- C. Thoroughly remove mortar droppings from concrete slabs and pavement where they occur. Hose down and scrub clean all concrete flatwork and exposed vertical surfaces of concrete and masonry.
- D. Free and clear all new and existing drainage systems.
- E. Clean and protect all conduit openings.
- F. Prior to Final Inspection, the Contractor shall remove all markings from streets, sidewalks, walls and other District and City infrastructure within the enclosed secured area at the work sites.

PART 2 – PRODUCTS

2.01 CLEANING PRODUCTS

- A. Utilize cleaning products that meet the requirements of the Green Seal GS-37 standard or comply with the requirements and maximum VOC limits of Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Regulation for Reducing VOC Emissions from Consumer Products (September 2001).
- B. Utilize janitorial paper products and trash bags that meet the minimum percentages of post-consumer recycled content and recovered content requirements of EPA's Comprehensive Procurements Guidelines.

PART 3 – EXECUTION

Not Used

END OF SECTION 01 74 14